

**Table 3-2.** Analytical methods for 2008 water quality sampling.

Parameter Name	Parameter ID	Analysis Method	MDL	MRL	Units
Dissolved organic carbon	DOC	E415.1	0.036	0.5	mg/L
Total nitrogen	NT	SM4500-N B	0.018	0.20	mg/L
Ammonia nitrogen (as N)	NH3	E350.1	0.0078	0.10	mg/L
Nitrate+nitrite nitrogen (as N)	NO3	E353.2	0.0057	0.01	mg/L
Total phosphorus (as P)	PT	E365.1	0.0078	0.05	mg/L
Orthophosphate (as P)	PO4	Field Instrument (E365.1)	NA	0.05	mg/L
Total suspended solids	TSS	E160.2	1.23	2.00	mg/L
Volatile suspended solids	VSS	E160.4	2.46	10.00	mg/L
Chlorophyll <i>a</i>	CHLA	SM10200H.3	0.00001	0.02	µg/L
Alkalinity	ALKT	E310.1	2.17	5	mg/L
Phytoplankton abundance	PPLK	SM10200F	1	1	count
Microcystin	MYCN	ELISA	NA	0.16	mg/L
Water temperature	TEMP	Measurement using in-situ probe	NA	NA	°C
Dissolved oxygen	DOCON	Measurement using in-situ probe	NA	1.0	mg/L
Specific conductance	SPC	Measurement using in-situ probe	NA	5	µS/cm
pH	PH	Measurement using in-situ probe	NA	0.1	units
Color	COLOR	Field instrument	NA	5	PCU
Turbidity	TURB	Field instrument	NA	.01	NTU